

**Table 3-2**  
**FS-1 Groundwater Sampling and Elevation Monitoring**

Location Identification	Rationale for Selecting Sampling Location	2001 Frequency	2002 Frequency (through April)	Parameters
00MW0552A	South of the FS-1 leading edge, outside plume boundary	NA	Quarterly	EDB/Field/WL
00MW0552B		NA	Quarterly	EDB/Field/WL
00MW0552C		NA	Quarterly	WL
00MW0552D		NA	Quarterly	WL
36MW0002 <sup>1</sup>	FS-1 plume source area monitoring	NA	Quarterly	VOCs/metals/Field
36MW0007 <sup>1</sup>	FS-1 plume source area monitoring	NA	Quarterly	VOCs/metals/Field
36MW0010A <sup>1</sup>	FS-1 plume source area monitoring	NA	Quarterly	VOCs/metals/Field
36MW0015 <sup>1</sup>	FS-1 plume source area monitoring	NA	Quarterly	VOCs/metals/Field
36MW0131A	FS-1 interior well	NA	Quarterly	EDB/Field
36MW0131B		NA	Quarterly	EDB/Field
36MW0131C		Semiannually	Quarterly	EDB/Field
36MW0132A	FS-1 leading edge	Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW0132B		Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW0132C		Semiannually	Quarterly	EDB/Field
		Semiannually	Quarterly	WL
36MW0133	Southeast of the FS-1 leading edge	Semiannually	Quarterly	EDB/Field/WL
36MW0135	South of the FS-1 leading edge	Semiannually	Quarterly	EDB/Field
36MW0136	Southeast of the FS-1 leading edge	Semiannually	Quarterly	EDB/Field
36MW0136	Southeast of the FS-1 leading edge	NA	Quarterly	WL
36MW0137	West boundary of FS-1 plume	Semiannually	Quarterly	EDB/Field
36MW0138	Southeast of the FS-1 leading edge, outside plume boundary	Semiannually	NA	EDB/Field
		NA	Quarterly	WL
36MW0139	West of the FS-1 plume, outside plume boundary	Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW0140	East of the FS-1 plume, outside plume boundary	Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW0141	East of the FS-1 plume, outside plume boundary	NA	Quarterly	EDB/Field/WL
36MW0143	Southwest of the FS-1 leading edge, outside plume boundary	Semiannually	Quarterly	EDB/Field
36MW0501	East of the FS-1 plume, outside plume boundary	NA	Quarterly	EDB/Field/WL
36MW0503A	Mid-interior of FS-1 plume	NA	Quarterly	EDB/Field/WL
36MW0503B		NA	Quarterly	EDB/Field/WL
36MW0503C		NA	Quarterly	EDB/Field
36MW0503C		Semiannually	Quarterly	WL
36MW0504	West of the FS-1 plume, outside plume boundary	NA	Quarterly	EDB/Field/WL
36MW0603A	Northern interior of FS-1 plume	NA	Quarterly	EDB/Field/WL
36MW0603B		NA	Quarterly	EDB/Field/WL
36MW0604	West of FS-1 plume, outside plume boundary	NA	Quarterly	EDB/Field
36MW1001A	Interior of FS-1 plume, leading edge	Semiannually	Quarterly	EDB/Field
36MW1001B		Semiannually	Quarterly	EDB/Field
36MW1010A	Interior of FS-1 plume	Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW1010B		Semiannually	Quarterly	EDB/Field
		NA	Quarterly	WL
36MW1010C		Semiannually	Quarterly	EDB/Field/WL
		Semiannually	Quarterly	EDB/Field
36MW1011A	Southwest of the FS-1 leading edge, outside plume boundary	NA	Quarterly	WL
		NA	Quarterly	EDB/Field
36MW1011B		Semiannually	Quarterly	WL

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Location Identification	Rationale for Selecting Sampling Location	2001 Frequency	2002 Frequency (through April)	Parameters
36MW1012A	Leading edge of FS-1 plume, west side	Semiannually	Quarterly	EDB/Field
36MW1012B		Semiannually	Quarterly	EDB/Field
36MW1012C		Semiannually	Quarterly	EDB/Field
36MW1013A	East edge of FS-1 plume, outside plume boundary	NA	Quarterly	EDB/Field/WL
36MW1013B		NA	Quarterly	EDB/Field/WL
36MW1013C		NA	Quarterly	EDB/Field/WL
36MW1013D		NA	Quarterly	EDB/Field/WL
36MW1013E		NA	Quarterly	EDB/Field/WL
36MW1014A	FS-1 plume, west edge	NA	Quarterly	EDB/Field
36MW1014B		NA	Quarterly	EDB/Field
36MW1035	North of FS-1 Plume, outside plume boundary	NA	Quarterly	EDB/Field
36MW1036A	Northern interior of FS-1 plume	NA	Quarterly	EDB/Field/WL
36MW1036B		NA	Quarterly	EDB/Field/WL
36MW1036C		NA	Quarterly	EDB/Field/WL
36MW1038A	Interior of FS-1 plume	NA	Quarterly	EDB/Field/WL
36MW1038B		NA	Quarterly	EDB/Field/WL
36MW1038C		NA	Quarterly	EDB/Field
36MW1038C		Semiannually	Quarterly	WL
36MW1039A	FS-1 plume, west edge	NA	Quarterly	EDB/Field
36MW1039B		NA	Quarterly	EDB/Field
36MW1039C		NA	Quarterly	EDB/Field
36MW1040A	FS-1 plume, east edge	NA	Quarterly	EDB/Field/WL
36MW1040B		NA	Quarterly	EDB/Field/WL
36MW1041A	FS-1 plume, Interior	NA	Quarterly	EDB/Field/WL
36MW1041B		NA	Quarterly	EDB/Field/WL
36MW1041C		NA	Quarterly	EDB/Field/WL
36MW1042A	North of FS-1 Plume, outside plume boundary	NA	Quarterly	EDB/Field
36MW1042B		NA	Quarterly	EDB/Field
36MW1043A	Monitor the northern interior portion of the FS-1 plume (installed June 2002)	NA	Quarterly	EDB/Field
36MW1043B		NA	Quarterly	EDB/Field
36PZ1001	Interior of FS-1 plume, leading edge	NA	Quarterly	EDB/Field
		Semiannually	NA	WL
36PZ1002A	West of FS-1 plume, leading edge	NA	Quarterly	EDB/Field
36PZ1002B		NA	Quarterly	EDB/Field
36PZ1003	West boundary of FS-1 plume	NA	Quarterly	EDB/Field
36PZ1010	Interior of FS-1 plume	NA	Quarterly	EDB/Field/WL
36PZ4235	Monitor shallow groundwater in the vicinity of the vernal pool southeast of EW7 (installed April 2002)	NA	Monthly	WL
36PZ4236	Monitor shallow groundwater in the vicinity of the wetland north of Grafton Pocknet Road (installed April 2002)	NA	Monthly	WL
36PZ4237	Monitor shallow groundwater in the vicinity of the wetland east of the K-1 bog (installed June 2002)	NA	Monthly	WL
36EW4001	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4005	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4010	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4015	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4020	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4025	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4030	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4035	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field

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<b>Location Identification</b>	<b>Rationale for Selecting Sampling Location</b>	<b>2001 Frequency</b>	<b>2002 Frequency (through April)</b>	<b>Parameters</b>
36EW4040	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4044	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4050	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4054	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4060	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4069	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4080	Monitor plume concentration at upwelling points	Semiannual	Semiannual	EDB/Field
36EW4090	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4100	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4110	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4122	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4132	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4140	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4149	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4150	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field
36EW4158	Monitor plume concentration at upwelling points	Quarterly	Quarterly	EDB/Field

Notes:

Chemical Monitoring - includes ethylene dibromide, temperature, dissolved oxygen, specific conductance, pH, oxidation-reduction potential, and turbidity

<sup>1</sup> = Source area monitoring includes volatile organic compounds, total metals, temperature, dissolved oxygen, specific conductance, pH, oxidation-reduction potential, and turbidity

EDB = ethylene dibromide

EW - extraction well

ft - feet

ft bgs - feet below ground surface

Field = temperature, DO, pH, specific conductance, oxidation-reduction potential, and turbidity

NA = not applicable

VOCs = volatile organic compounds

WL = water level